

**APPARATUS FOR AND METHOD OF MANUFACTURE OF AN
ELECTRONIC ASSEMBLY**

5

Abstract

The assembly of surface mount components (SMCs) upon a printed circuit board (PCB) substrate is hindered by the limited space available upon the PCB due to the requirement of two solder pads per assembled component and by a process known as tombstoning where one end of an SMC may become dislocated from the PCB during the assembly process causing broken electrical connections between the solder pads and therefore inoperability of the PCB. The present invention therefore provides an electronic assembly (8) wherein the components are mounted substantially perpendicular to a PCB upon a single conductive region (12) and comprise means (18, 20) for connecting the component (10) to a neighbouring electrical device (24).

(Figure 1)

20